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(71) Applicant (for all designated States except US): **BOMBARDIER TRANSPORTATION GMBH** [DE/DE];
Saatwinkler Damm 43, 13627 Berlin (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BOHM, Mats**
[SE/SE]; Korpsetigen 1, 393 59 Kalmar (SE).

(74) Agent: **BROYDE, Marc**; Howrey Simon Arnold & White,
City Point, One Ropemaker Street, London EC2Y 9HS
(GB).

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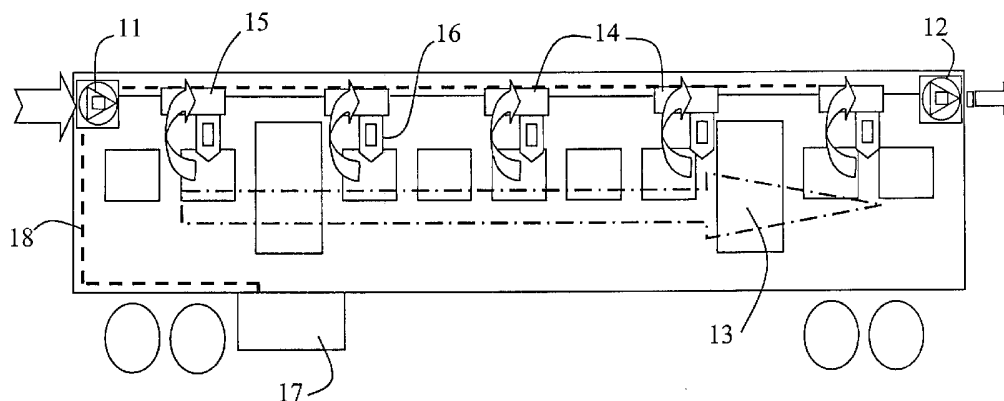
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(54) Title: AIR CONDITIONING ASSEMBLY



(57) Abstract: The invention relates to an air conditioning assembly for a room, in particular for compartments of vehicles such as railway cars, busses and airplanes. The invention further relates to a vehicle compartment comprising the air conditioning assembly according to the invention and to a method for conditioning the air in a vehicle compartment. The air conditioning assembly comprises an air inlet unit and an air outlet unit for creating an air stream in the room between the air inlet and air outlet units, two or more local air treatment units between the air inlet and air outlet units for local conditioning of the air, comprising a return air intake, a heat exchanger and a conditioned air outlet, a cooling unit for cooling a cooling liquid and a cooling circuit for transporting cooling liquid from the cooling unit to the heat exchangers of the two or more local air treatment units. The air conditioning assembly according to the invention does not need air ducts for transporting conditioned air or recirculated return air, is more compact allowing design flexibility, is less expensive, provides more comfort to passengers by allowing better local control of the air conditioning, is easier in maintenance and provides a more efficient removal of used air.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 3 343 473 A (GILLICK LAURANCE H ET AL) 26 September 1967 (1967-09-26) abstract; figures 1,3,6-10	1,15,21
A	US 5 389 035 A (ISHIDA ET AL) 14 February 1995 (1995-02-14) abstract; figures 4,5	1,15,21
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Patent family members are listed in annex.

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Grenbäck, M.L.

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